

The present invention relates to a DNA construct containing a

5 DNA for a serine proteinase inhibitor isolated from *Brassica oleracea*, which has antibiosis activity. The present invention also relates to transgenic plants and transgenic plant seeds containing that nucleic acid molecule. Resistance to herbivorous insects can be conferred to a plant by either transformation of the plant with the nucleic acid molecule which encodes a serine proteinase inhibitor
10 isolated from *Brassica oleracea* or by application of that inhibitor to plants or plant seeds.